

Wynford Drive LRT Station Elevator Cost Estimate

Date: October 12, 2021

To: Infrastructure and Environment Committee

From: Barbara Gray, General Manager, Transportation Services

Wards: 16 - Don Valley East

SUMMARY

At its meeting held July 5th, 2021 [for item 2021.IE23.18](#), it was requested that the General Manager, Transportation Services report back to the October 26, 2021 meeting of the Infrastructure and Environment Committee on the cost of building an elevator for residents to access the Eglinton Light Rail Transit (LRT) from the Wynford community.

Based on a high level review, the capital cost to build and install an elevator is estimated to be \$7,000,000 with a recurring annual cost of \$50,000 in operating and maintenance costs.

RECOMMENDATIONS

The General Manager, Transportation Services recommends that:

1. The Infrastructure and Environment Committee receive this report for information.

FINANCIAL IMPACT

The estimated cost of the recommended sidewalk solution connecting Wynford Drive to Eglinton LRT is \$100,000 and funding for this is available within the approved 2021-2030 Capital Budget and Plan for Transportation Services, Missing Link Sidewalk Program (CTP419-01). No funding is allocated for elevator provision.

The Chief Financial Officer and Treasurer has reviewed this report and agrees with the financial impact information.

DECISION HISTORY

At its meeting on July 14, 2021, City Council adopted the Don Mills Crossing Environmental Assessment and Eglinton Crosstown Wynford Stop Pedestrian Access report, with an amendment to request the General Manager, Transportation Services to report back to the October 26, 2021 meeting of the Infrastructure and Environment Committee on the cost of building an elevator for residents to access the Eglinton LRT from the Wynford community.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2021.IE23.18>

At its meeting on November 25 and 26, 2020, City Council requested Transportation Services and the Toronto Transit Commission to explore options to encourage and improve pedestrian access to the Wynford Drive station of the Eglinton Crosstown LRT.

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2020.IE17.8>

COMMENTS

On November 25, 2020, City Council requested that Transportation Services, in consultation with Toronto Transit Commission (TTC), review options to improve pedestrian access to the Wynford Stop of the Eglinton Crosstown LRT.

The Wynford Stop will be located on Eglinton Avenue East on the west side of the bridge over Wynford Drive. The densely populated area to the northeast of Wynford Drive (accessed from Wynford Heights Crescent) and southeast of St Dennis Drive (accessed from Edgecliff Golfway) are within a 10 minute walking distance but would require use of existing stairs to access the Wynford stop. The stairs pose a barrier to mobility challenged users, especially those who use a mobility aid or stroller.

Following a review of potential and feasible options which included an elevator, new ramp structure and new sidewalk provision, a new sidewalk is planned alongside the ramp connecting Wynford Drive and Eglinton Avenue East. Engineering design work for the new sidewalk commenced this summer, with construction to be completed in advance of the Eglinton Crosstown Light Rail Transit opening.

In response to the request from the Infrastructure and Environment Committee to provide a cost for an elevator in this location, staff have conducted a high level review, based on a similar past project in York Region with adjustments to reflect the Wynford/Toronto context. This review identified that the capital cost to implement a new elevator would be in the order of \$7,000,000. This capital cost estimate considered: design and construction of the elevator housing structure and the connecting pedestrian links from the sidewalks that are Accessibility for Ontarians with Disabilities Act (AODA) compliant; relocation of one or more utilities such as high pressure gas line, water, sewer lines and hydro; and the purchase and installation of the electrical, mechanical and structural components of the elevator.

Annual operating and maintenance costs for the elevator, the structure and the pedestrian links, was found to be \$50,000 as an ongoing commitment. This estimate considered the legislated safety inspections and regular maintenance for the electrical, mechanical, structural components of the elevator, and any safety and security measures. In addition, an elevator installed in a public facility could bear significant variable costs such as on-call services for malfunctioning, vandalism and weather-related damages.

These estimates were cross-referenced with similar elevator projects in the Greater Toronto Area, with the appropriate inflation applied to the labour and material costs.

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SIGNATURE

Barbara Gray
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ATTACHMENTS

None